

## CTR Employer Survey Report

Thank you for completing your Commute Trip Reduction survey. This report contains the survey results.

Employer Id : E80580

Employer : Physio Control

Worksite : Physio Control

Street : 11811 Willows Rd Ne

Jurisdiction : City of Redmond

Survey Date : 6/13/2013

Survey Type : Online

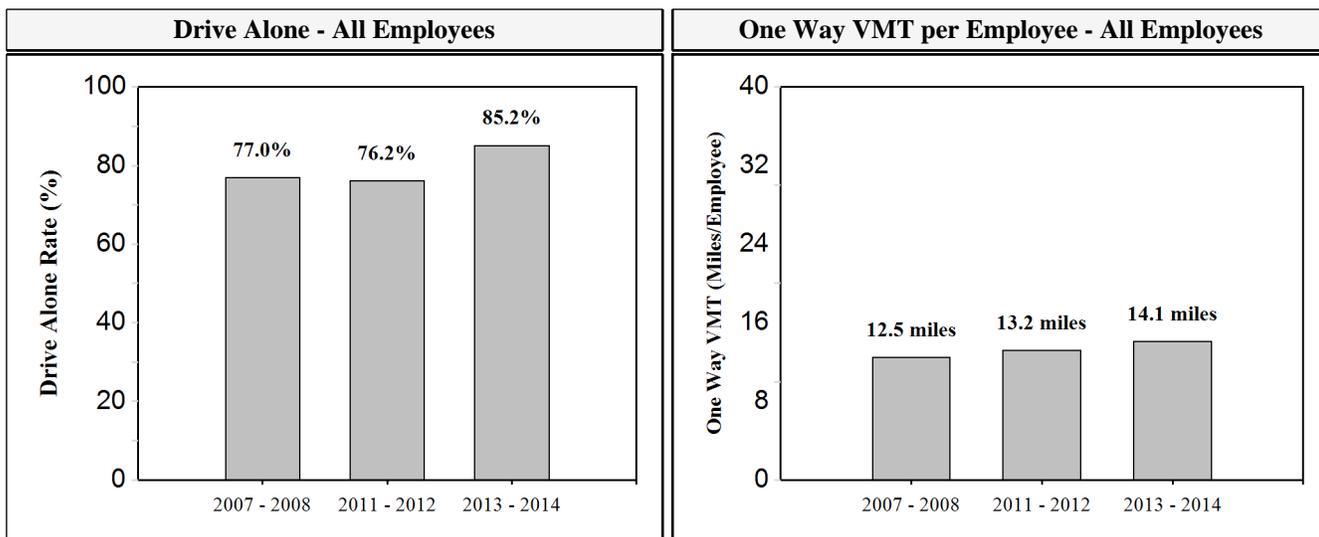
Response Rate : 52%

### Drive Alone & One-Way VMT Rates at this Worksite

### Employees and Survey Response Information

Drive Alone : 85.2%  
One-Way VMT per employee : 14.1

Reported Total Employees at Worksite: 754  
Surveys Distributed : 754  
Surveys Returned : 390  
Surveys Returned by CTR Affected Employees : 363  
Total Estimated CTR - Affected Employees at Worksite : 702



### Site History and Goal

Cycle	Drive Alone - All	Drive Alone - CTR Affected	VMT / Employee - All	VMT / Employee - CTR Affected
2007 - 2008	77.0%	77.6%	12.5	12.8
2009 - 2010	80.3%	81.8%	13.2	13.1
2011 - 2012	76.2%	78.4%	13.2	13.3
2013 - 2014	85.2%	85.4%	14.1	14.0
2015 - 2016	N/A	N/A	N/A	N/A
2017 - 2018	N/A	N/A	N/A	N/A
2019 - 2020	N/A	N/A	N/A	N/A
Goal	TBD	TBD	TBD	TBD
Percent Change	10.6%	10.1%	12.8%	9.4%

### Comparison Between Rates With and Without Fill-In

The survey response rate is indicated on Page 1. To encourage a response rate of at least 70%, additional drive alone trips are added to survey results for worksites with a response rate of less than 70%. For these worksites it is assumed that non-responding employees between the actual response rate and 70% drive alone 5 days a week. These additional trips represent the "Fill-In" applied. Note that fill-in is not applied to a worksite's first survey in the 2007 to 2012 cycle (their baseline survey).

	2007 - 2008	2011 - 2012	2011 - 2012 Without Fill In	2013 - 2014	2013 - 2014 Without Fill In
Drive Alone - All Employees*	77.0%	76.2%	72.9%	85.2%	79.8%
Drive Alone - CTR Affected Employees*	77.6%	78.4%	75.0%	85.4%	79.7%
VMT/Employee - All Employees	12.5	13.2	12.8	14.1	13.4
VMT/Employees - CTR Affected Employees	12.8	13.3	12.9	14.0	13.3

\* Drive alone rate includes one person motorcycles.

### GHG Emissions: Total for Drive Alone, Carpools, Vanpools

#### Annual Greenhouse Gas Emissions (Metric Tons CO2e) for Roundtrip Commute\*

Value	2007 - 2008	2011 - 2012	2013 - 2014
Emissions for Surveyed Employees	769	853	1,104
Estimated Emissions for Total Employment	1,795	1,381	2,134

\* Estimated based on VMT from commuters driving alone, carpooling, vanpooling, or motorcycling, without fill-in applied.

### Bus Transit Passenger Miles and Rail Transit Passenger Miles\*

Annual Transit Passenger Miles (includes Roundtrip Commute)	2007 - 2008	2011 - 2012	2013 - 2014
Bus Annual Passenger Miles - Estimated for Total Employment	64,167	33,838	157,953
Bus Annual Passenger Miles - Surveyed Employees	27,500	20,900	81,700
Ferry Annual Passenger Miles - Estimated for Total Employment	0	0	15,080
Ferry Annual Passenger Miles - Surveyed Employees	0	0	7,800
Train/Light Rail/Streetcar Annual Passenger Miles - Estimated for Total Employment	0	0	0
Train/Light Rail/Streetcar Annual Passenger Miles - Surveyed Employees	0	0	0

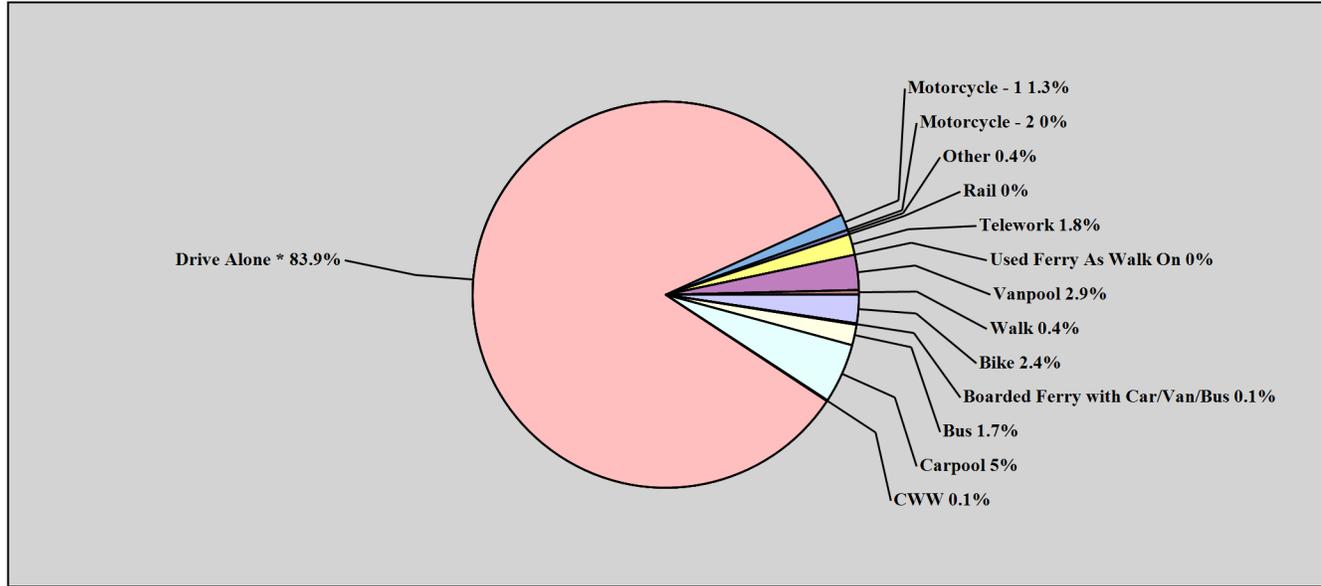
\* Transit passenger miles can be used to gauge changes in transit usage, and also to calculate greenhouse gas emissions from transit commute trips. However, emissions attributable to transit vary widely, depending on the efficiency/energy source of transit vehicles and transit vehicle passenger load (typically ranging from 0.1 to 0.9 pounds CO2e emissions/passenger mile). Employers are strongly encouraged to contact their local transit agencies for more precise information on GHG emissions for their transit trips. If nothing else is available, the value of 0.47 pounds (0.00021 metric tons) per passenger mile can be used to estimate CO2e emissions for bus transit, and 0.39 pounds (0.00018 metric tons) CO2e emissions per passenger mile for train/light rail/streetcar.

**Q3. One way, how many miles do you commute from home to your usual work location?**  
**Average one-way distance home to work: 15.9 miles**

### Commute Trips By Mode - All Employees

Q.4a: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

**Mode Split - All Employees**



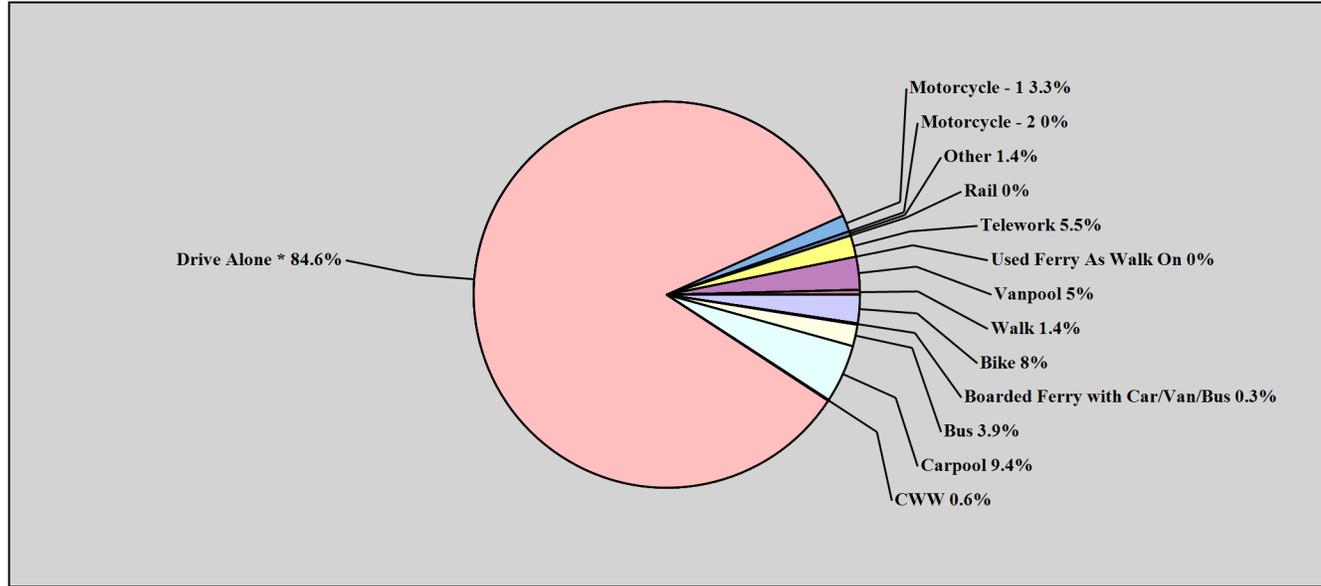
Mode	Trips During This Survey Week	% of Trips During This Survey Week	% of Trips During Previous Survey Week	Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During Previous Survey Week
Drive Alone *	2,150	83.9%	75.1%	329	84.4%	77.1%
Carpool	128	5.0%	10.3%	36	9.2%	15.9%
Vanpool	75	2.9%	5.2%	20	5.1%	7.3%
Motorcycle - 1	34	1.3%	1.1%	12	3.1%	1.9%
Motorcycle - 2	0	0.0%	0.0%	0	0.0%	0.0%
Bus	44	1.7%	0.7%	14	3.6%	1.3%
Rail	0	0.0%	0.0%	0	0.0%	0.0%
Bike	61	2.4%	5.5%	30	7.7%	9.5%
Walk	10	0.4%	0.4%	5	1.3%	1.0%
Telework	45	1.8%	1.2%	21	5.4%	2.9%
CWW	2	0.1%	0.2%	2	0.5%	1.0%
Boarded Ferry with Car/Van/Bus	3	0.1%	0.0%	1	0.3%	0.0%
Used Ferry As Walk On	0	0.0%	0.0%	0	0.0%	0.0%
Other	10	0.4%	0.4%	6	1.5%	0.6%

\* Drive alone mode includes fill-in, where applicable.

### Commute Trips By Mode - Affected Employees

Q.4a: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - Affected Employees



Mode	Trips During This Survey Week	% of Trips During This Survey Week	% of Trips During Previous Survey Week	Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During Previous Survey Week
Drive Alone *	2,052	84.0%	77.2%	307	84.6%	81.0%
Carpool	119	4.9%	9.0%	34	9.4%	14.7%
Vanpool	67	2.7%	4.0%	18	5.0%	5.9%
Motorcycle - 1	34	1.4%	1.2%	12	3.3%	2.2%
Motorcycle - 2	0	0.0%	0.0%	0	0.0%	0.0%
Bus	44	1.8%	0.8%	14	3.9%	1.5%
Rail	0	0.0%	0.0%	0	0.0%	0.0%
Bike	58	2.4%	5.6%	29	8.0%	10.3%
Walk	10	0.4%	0.5%	5	1.4%	1.1%
Telework	44	1.8%	1.3%	20	5.5%	3.3%
CWW	2	0.1%	0.0%	2	0.6%	0.0%
Boarded Ferry with Car/Van/Bus	3	0.1%	0.0%	1	0.3%	0.0%
Used Ferry As Walk On	0	0.0%	0.0%	0	0.0%	0.0%
Other	9	0.4%	0.4%	5	1.4%	0.7%

\* Drive alone mode includes fill-in, where applicable.

**Alternative Modes - Number of Employees Who Used a Non-Drive Alone Mode:**

Non-Drive Alone Number Of Days	Exactly this # of Employees	Exactly this % of Employees	At least # of Employees	At least % of employees
0 Day	276	71%	390	100%
1 Days	23	6%	114	29%
2 Days	16	4%	91	23%
3 Days	16	4%	75	19%
4 Days	22	6%	59	15%
5 Days	35	9%	37	9%
6 or More Days	2	1%	2	1%

**Work Schedules By Group - All Employees (This table shows the relationship between work schedule and commute mode)**

Employees who worked:	Drive Alone 5 days / week		Drive Alone 3 or 4 days / week		Used Bus At Least 3 days / week		Carpooled At Least 3 days / week		Used Rail At Least 3 days / week		Vanpooled At Least 3 times / week		Biked or Walked At Least 3 Days / week		Used 'Other' Modes At Least 3 Days / week		Used Non-Drive Alone At Least 3 Days / week	
	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%
5 days a week	223	63.5%	54	15.4%	9	2.6%	18	5.1%	0	0%	11	3.1%	11	3.1%	1	0.3%	57	16.2%
4 days a week (4/10s)	3	11.1%	11	40.7%	0	0%	7	25.9%	0	0%	6	22.2%	0	0%	0	0%	13	48.1%
3 days a week	0	0%	2	50%	0	0%	0	0%	0	0%	0	0%	1	25%	0	0%	2	50%
9 days in 2 weeks (9/80)	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
7 days in 2 weeks	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
Other	0	0%	2	40%	0	0%	0	0%	0	0%	1	20%	0	0%	0	0%	2	40%

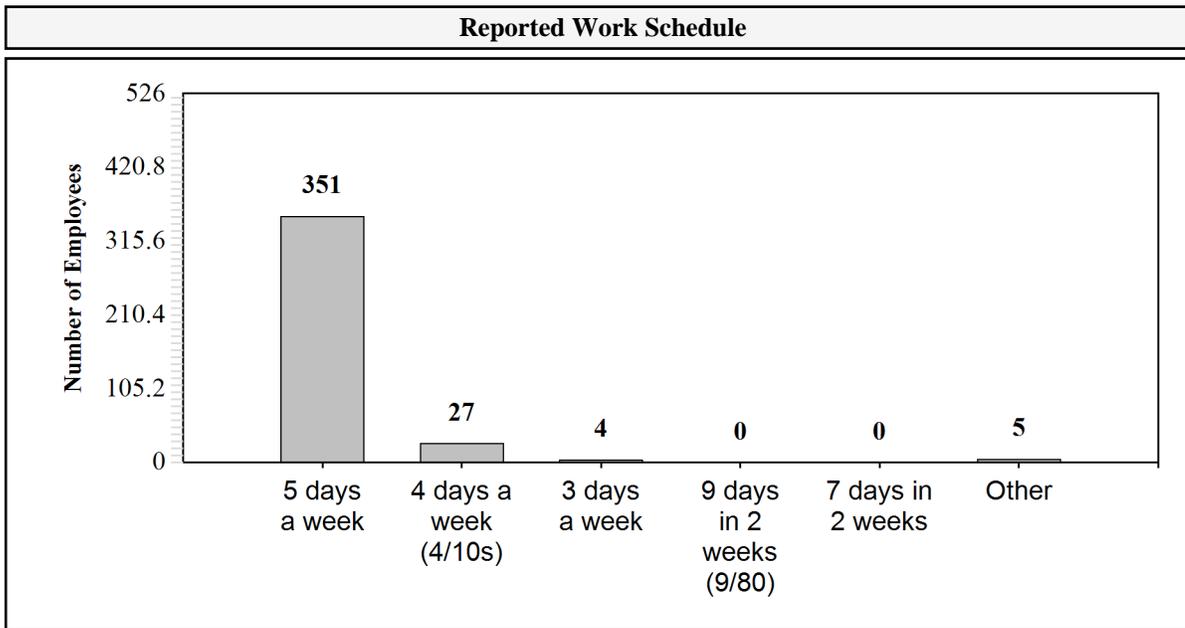
### Count by Occupancy of Carpools, Vanpools, and Motorcycles

Q.4b If you used a carpool or vanpool as part of your commute, or if you ride a motorcycle, how many people (age 16 or older) are usually in the vehicle?

Ridesharing Occupancy	Mode	Response Count
1	Motorcycle	34
2	Motorcycle	0
2	Carpool	118
3	Carpool	4
4	Carpool	2
5	Carpool	2
>5	Carpool	2
<5	Vanpool	30
5	Vanpool	33
6	Vanpool	4
7	Vanpool	8
8	Vanpool	0
9	Vanpool	0
10	Vanpool	0
11	Vanpool	0
12	Vanpool	0
13	Vanpool	0
14	Vanpool	0
15	Vanpool	0

### Reported Work Schedule - All Employees

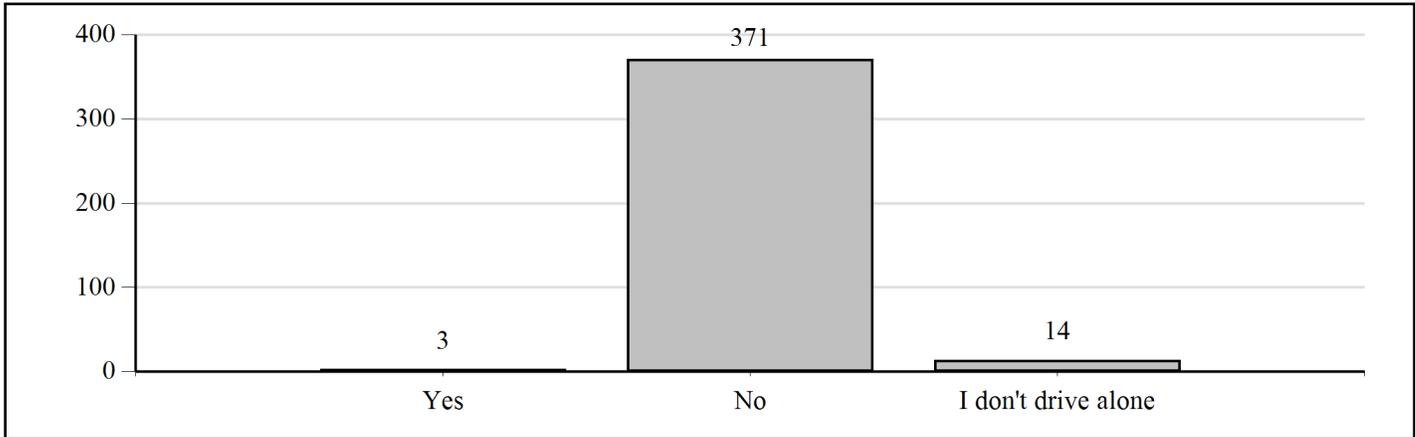
Q.5 Which of the following best describes your work schedule?



Reported Work Schedule	# Of Responses	% Of Employees
5 days a week	351	90.7%
4 days a week (4/10s)	27	7%
3 days a week	4	1%
9 days in 2 weeks (9/80)	0	0%
7 days in 2 weeks	0	0%
Other	5	1.3%

### Parking and Telework

**Q.9: On the most recent day that you drove alone to work, did you pay to park? (Mark "yes" if you paid that day, if you prepaid, if you are billed later, or if the cost of parking is deducted from your paycheck.)**



**Q.10: How many days do you typically telework?**

Telework Frequency	# of Responses	% of Responses
No Answer/Blank	2	0.5%
I don't telework	247	63.3%
Occasionally, on an as-needed basis	108	27.7%
1-2 days/month	17	4.4%
1 day/week	8	2.1%
2 days/week	2	0.5%
3 days/week	6	1.5%

**Reasons for driving alone to work/not driving alone to work**
**Q11. When you do not drive alone to work, what are the three most important reasons?**

Question Text	# of Responses	% of Responses
To save money	117	15.3%
To save time using the HOV lane	96	12.5%
Financial incentives for carpooling, bicycling or walking.	93	12.1%
Personal health or well-being	92	12.0%
Environmental and community benefits	86	11.2%
I have the option of teleworking	73	9.5%
Other	62	8.1%
Free or subsidized bus, train, vanpool pass or fare benefit	48	6.3%
Driving myself is not an option	34	4.4%
Emergency ride home is provided	33	4.3%
Preferred/reserved carpool/vanpool parking is provided	17	2.2%
Cost of parking or lack of parking	12	1.6%
I receive a financial incentive for giving up my parking space	4	0.5%

**Q12. When you drive alone to work, what are the three most important reasons?**

Question Text	# of Responses	% of Responses
Riding the bus or train is inconvenient or takes too long	259	27.8%
I like the convenience of having my car	239	25.6%
Family care or similar obligations	128	13.7%
Other	107	11.5%
My commute distance is too short	85	9.1%
Bicycling or walking isn't safe	67	7.2%
My job requires me to use my car for work	26	2.8%
I need more information on alternative modes	19	2.0%
There isn't any secure or covered bicycle parking	2	0.2%

**Employee Transit Use - All Employees**

**Q 13. Please indicate the number of one-way transit or walk-on ferry trips you took last week on each system listed below (for any purpose, not just getting to and from work). Please select "Other" if your transit isn't listed.**

Trips/Week	Employees Making This Many Transit Trips in a Week									
	Community Transit	Everett Transit	Intercity Transit	King County Metro	Kitsap Transit	Pierce Transit	Sound Transit	Whatcom Transportation Authority	Ferry as Walk-On	Other
1	3	1	0	11	0	0	2	0	1	5
2	0	0	0	7	0	0	4	0	0	1
3	0	0	0	1	0	0	0	0	0	0
4	0	0	0	1	0	0	0	0	0	2
5	1	0	0	1	0	0	0	0	0	3
6	1	0	0	5	0	0	1	0	0	0
7	0	0	0	0	0	0	0	0	0	1
8	1	0	0	2	0	0	1	0	0	0
9	0	0	0	1	0	0	0	0	0	1
10	1	0	0	1	0	0	1	0	0	1
11 or more	0	0	0	2	0	0	0	0	0	0
# Of Employees using Transit	7	1	0	32	0	0	9	0	1	14
Total One-Way Transit Trips Per Week	32	1	0	127	0	0	34	0	1	56

**Employee Transit Use - Affected Employees**

**Q 13. Please indicate the number of one-way transit or walk-on ferry trips you took last week on each system listed below (for any purpose, not just getting to and from work). Please select "Other" if your transit isn't listed.**

Trips/Week	Employees Making This Many Transit Trips in a Week									
	Community Transit	Everett Transit	Intercity Transit	King County Metro	Kitsap Transit	Pierce Transit	Sound Transit	Whatcom Transportation Authority	Ferry as Walk-On	Other
1	3	1	0	10	0	0	2	0	1	5
2	0	0	0	7	0	0	4	0	0	1
3	0	0	0	1	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	2
5	1	0	0	1	0	0	0	0	0	3
6	1	0	0	5	0	0	1	0	0	0
7	0	0	0	0	0	0	0	0	0	1
8	1	0	0	2	0	0	1	0	0	0
9	0	0	0	1	0	0	0	0	0	1
10	1	0	0	1	0	0	1	0	0	1
11 or more	0	0	0	2	0	0	0	0	0	0
# Of Employees using Transit	7	1	0	30	0	0	9	0	1	14
Total One-Way Transit Trips Per Week	32	1	0	122	0	0	34	0	1	56

**Commute Mode By ZipCode for All Employees**
**Q8. What is your home zip code?**

Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
55056	1	0.26%	0	0	0	0	0	0	0	0	5	0	0	0	0
92124	1	0.26%	0	0	0	0	0	0	0	0	6	0	0	0	0
98001	2	0.51%	10	0	0	0	0	0	0	0	0	0	0	0	1
98003	2	0.51%	11	0	0	0	0	0	0	0	0	0	0	0	0
98004	5	1.28%	20	0	0	0	3	0	3	0	0	0	0	0	0
98005	2	0.51%	9	0	0	0	0	0	0	0	0	0	0	0	0
98006	7	1.79%	25	0	0	0	5	0	0	0	0	0	0	0	0
98007	3	0.77%	10	3	0	0	0	0	2	0	0	0	0	0	0
98008	5	1.28%	22	0	0	0	1	0	1	0	0	0	0	0	0
98011	9	2.31%	38	0	0	2	0	0	4	0	0	0	0	0	2
98012	20	5.13%	97	2	0	0	0	0	1	0	1	0	0	0	0
98014	2	0.51%	9	0	0	1	0	0	0	0	0	0	0	0	0
98019	7	1.79%	31	2	0	0	0	0	0	0	2	1	0	0	0
98020	1	0.26%	5	0	0	0	0	0	0	0	0	0	0	0	0
98021	11	2.82%	34	6	0	0	0	0	7	0	1	0	0	0	4
98022	1	0.26%	5	0	0	0	0	0	0	0	0	0	0	0	0
98024	1	0.26%	4	0	0	1	0	0	0	0	0	0	0	0	0
98026	1	0.26%	5	0	0	0	0	0	0	0	0	0	0	0	0
98027	1	0.26%	4	0	0	0	0	0	0	0	0	1	0	0	0
98028	6	1.54%	22	0	0	0	3	0	0	0	0	0	0	0	1
98029	6	1.54%	20	8	0	0	0	0	0	0	1	0	0	0	0
98030	3	0.77%	14	0	0	0	0	0	0	0	0	0	0	0	0
98031	1	0.26%	4	0	0	0	0	0	1	0	0	0	0	0	0
98032	1	0.26%	5	0	0	0	0	0	0	0	0	0	0	0	0
98033	16	4.10%	62	1	0	2	0	0	6	5	0	0	0	0	1
98034	36	9.23%	135	13	0	3	3	0	12	2	11	0	0	0	0



98036	2	0.51%	9	1	0	0	0	0	0	0	0	0	0	0	0
98037	2	0.51%	6	0	0	0	0	0	0	0	4	0	0	0	0
98038	1	0.26%	4	0	0	0	0	0	0	0	0	0	0	0	0
98042	3	0.77%	8	8	0	0	0	0	0	0	0	0	0	0	0
98043	3	0.77%	10	0	4	0	0	0	0	0	0	0	0	0	0
98045	2	0.51%	10	2	0	0	0	0	0	0	0	0	0	0	0
98052	29	7.44%	116	0	0	2	4	0	13	3	1	0	0	0	0
98053	7	1.79%	15	20	0	0	0	0	0	0	0	0	0	0	0
98055	1	0.26%	0	0	4	0	0	0	0	0	0	0	0	0	0
98056	1	0.26%	5	0	0	0	0	0	0	0	0	0	0	0	0
98057	2	0.51%	5	0	4	0	1	0	0	0	0	0	0	0	0
98058	5	1.28%	19	0	4	0	0	0	0	0	0	0	0	0	0
98059	7	1.79%	28	0	0	0	0	0	3	0	2	0	0	0	0
98065	3	0.77%	10	5	0	0	0	0	0	0	0	0	0	0	0
98070	1	0.26%	0	0	0	0	0	0	0	0	0	0	3	0	0
98072	14	3.59%	64	0	0	0	5	0	0	0	0	0	0	0	0
98074	3	0.77%	15	0	0	0	0	0	0	0	0	0	0	0	0
98075	2	0.51%	10	0	0	0	0	0	0	0	0	0	0	0	0
98077	9	2.31%	39	0	0	0	0	0	1	0	0	0	0	0	0
98087	5	1.28%	14	10	0	0	0	0	0	0	0	0	0	0	0
98103	7	1.79%	20	4	4	0	0	0	1	0	0	0	0	0	0
98105	3	0.77%	14	0	0	0	0	0	0	0	0	0	0	0	0
98112	5	1.28%	11	0	8	0	0	0	0	0	2	0	0	0	0
98115	6	1.54%	23	0	4	0	0	0	1	0	0	0	0	0	0
98118	2	0.51%	9	0	0	0	0	0	0	0	0	0	0	0	0
98119	2	0.51%	1	0	5	0	0	0	0	0	4	0	0	0	0
98122	3	0.77%	7	0	8	0	0	0	0	0	0	0	0	0	0
98125	4	1.03%	20	0	0	0	0	0	0	0	0	0	0	0	0
98126	3	0.77%	10	1	0	3	0	0	0	0	0	0	0	0	0
98133	5	1.28%	20	0	0	0	5	0	0	0	0	0	0	0	0
98136	4	1.03%	15	0	5	0	0	0	0	0	0	0	0	0	0
98144	3	0.77%	11	0	0	0	5	0	0	0	0	0	0	0	0
98146	1	0.26%	5	0	0	0	0	0	0	0	0	0	0	0	0
98155	4	1.03%	14	0	4	0	0	0	1	0	0	0	0	0	0
98166	1	0.26%	2	0	0	0	0	0	0	0	0	0	0	0	0
98168	1	0.26%	5	0	0	0	0	0	0	0	0	0	0	0	0
98188	2	0.51%	3	5	0	0	0	0	0	0	0	0	0	0	0



98201	1	0.26%	5	0	0	0	0	0	0	0	0	0	0	0	0
98203	1	0.26%	5	0	0	0	0	0	0	0	0	0	0	0	0
98204	7	1.79%	25	0	5	5	0	0	0	0	0	0	0	0	0
98208	9	2.31%	37	4	0	0	0	0	0	0	0	0	0	0	0
98251	1	0.26%	0	4	0	0	0	0	0	0	0	0	0	0	0
98258	8	2.05%	37	0	0	0	0	0	0	0	0	0	0	0	0
98270	2	0.51%	0	1	0	5	4	0	0	0	0	0	0	0	0
98271	1	0.26%	1	4	0	0	0	0	0	0	0	0	0	0	0
98272	18	4.62%	68	19	0	0	0	0	0	0	0	0	0	0	0
98275	5	1.28%	15	0	0	0	0	0	4	0	1	0	0	0	0
98277	1	0.26%	1	0	4	0	0	0	0	0	0	0	0	0	0
98282	1	0.26%	0	0	0	0	5	0	0	0	0	0	0	0	0
98290	8	2.05%	29	5	0	4	0	0	0	0	1	0	0	0	0
98292	1	0.26%	0	0	5	0	0	0	0	0	0	0	0	0	0
98296	7	1.79%	33	0	0	2	0	0	0	0	0	0	0	0	0
98321	1	0.26%	1	0	3	0	0	0	0	0	0	0	0	0	0
98338	1	0.26%	5	0	0	0	0	0	0	0	0	0	0	0	0
98372	1	0.26%	0	0	0	4	0	0	0	0	0	0	0	0	0
98374	1	0.26%	5	0	0	0	0	0	0	0	0	0	0	0	0
98387	2	0.51%	4	0	0	0	0	0	0	0	0	0	0	0	1
98406	1	0.26%	0	0	4	0	0	0	0	0	0	0	0	0	0
98499	1	0.26%	5	0	0	0	0	0	0	0	0	0	0	0	0
98501	1	0.26%	2	0	0	0	0	0	0	0	3	0	0	0	0
98952	1	0.26%	5	0	0	0	0	0	0	0	0	0	0	0	0